

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S3	12	S2 and membrane	US-PGPUB; USPAT; JPO	OR	ON	2009/09/21 15:20
S2	15	("0127141"   "20030003336"   "20030138678"   "20050181250"   "3833016"   "4810597"   "5583240"   "5583240"   "5599638"   "5773162"   "5936106"   "6146781"   "6444343"   "6630266"   "6890674"   "0086193").PN.	US-PGPUB; USPAT; JPO	OR	ON	2009/09/21 15:20
S4	377	fuel with concentration with membrane and ("direct methanol fuel cell" dmfc)	US-PGPUB; USPAT; JPO	OR	ON	2009/09/21 17:21
S5	1	"5583240".pn.	US-PGPUB; USPAT; JPO	OR	ON	2009/09/21 17:24
S7	1204	S6 and (429/12-46.ccls. "fuel cell")	US-PGPUB; USPAT; JPO	OR	ON	2009/09/21 17:29
S6	1587	membrane with (permeable semipermeable semi?permeable) with (fuel methanol)	US-PGPUB; USPAT; JPO	OR	ON	2009/09/21 17:29
S8	4	membrane with (permeable semipermeable semi?permeable) with pure with methanol	US-PGPUB; USPAT; JPO	OR	ON	2009/09/21 17:47
S9	5	("20030031908"   "20030138678"   "20050084720"   "6303244"   "6306285").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/21 17:49
S11	150	membrane with (permeable semipermeable semi?permeable) with (fuel methanol ethanol alcohol reactant) and pure with methanol	US-PGPUB; USPAT; JPO	OR	ON	2009/09/22 13:08

S10	693	membrane with (permeable semipermeable semi?permeable) and pure with methanol	US-PGPUB; USPAT; JPO	OR	ON	2009/09/22 13:08
S14	0	"device and method for sensor? less optimization of the methanol concentration in a direct methanol fuel cell"	US-PGPUB; USPAT; JPO	OR	ON	2009/09/22 14:08
S13	0	"device and method for sensor? less optimisation of the methanol concentration in a direct methanol fuel cell"	US-PGPUB; USPAT; JPO	OR	ON	2009/09/22 14:08
S12	0	"device and method for sensorless optimisation of the methanol concentration in a direct methanol fuel cell"	US-PGPUB; USPAT; JPO	OR	ON	2009/09/22 14:08
S17	0	"??86193".pn.	US-PGPUB; USPAT; JPO	OR	ON	2009/09/22 14:09
S16	0	"86193".pn.	US-PGPUB; USPAT; JPO	OR	ON	2009/09/22 14:09
S15	0	device with method with sensor? less with optimi?ation with methanol with concentration with "direct methanol fuel cell"	US-PGPUB; USPAT; JPO	OR	ON	2009/09/22 14:09
S19	0	S18 and "direct methanol fuel cell"	US-PGPUB; USPAT; JPO	OR	ON	2009/09/22 14:10
S18	82	??86193.pn.	US-PGPUB; USPAT; JPO	OR	ON	2009/09/22 14:10
S20	1	"0127141".pn.	US-PGPUB; USPAT; JPO	OR	ON	2009/09/22 14:14
S21	8	????0127141.pn.	US-PGPUB; USPAT; JPO	OR	ON	2009/09/22 14:15
S22	8	????0086193.pn.	US-PGPUB; USPAT; JPO	OR	ON	2009/09/22 14:16

S23	271	((("perfluorosulphonic acid" PFSA) and (polytetrafluoroethylene ptfe)) with copolymer	US-PGPUB; USPAT; JPO	OR	ON	2009/09/22 17:58
S25	59	S24 and methanol	US-PGPUB; USPAT; JPO	OR	ON	2009/09/22 17:59
S24	132	((("perfluorosulphonic acid" PFSA) and (polytetrafluoroethylene ptfe)) with copolymer same membrane	US-PGPUB; USPAT; JPO	OR	ON	2009/09/22 17:59
S27	51	S26 and nafion	US-PGPUB; USPAT; JPO	OR	ON	2009/09/22 18:04
S26	150	membrane with (permeable semipermeable semi?permeable) with (fuel methanol ethanol alcohol reactant) and pure with methanol	US-PGPUB; USPAT; JPO	OR	ON	2009/09/22 18:04
S28	1	10/576375	US-PGPUB; USPAT; JPO	OR	ON	2009/09/23 14:36
S29	132	((("perfluorosulphonic acid" PFSA) and (polytetrafluoroethylene ptfe)) with copolymer same membrane	US-PGPUB; USPAT; JPO	OR	ON	2009/09/23 15:19
L3	66	recycle with water and "direct methanol fuel cell"	US-PGPUB; USPAT; JPO	OR	ON	2009/09/23 17:45
L5	10	4 and 429/12-46.ccls.	US-PGPUB; USPAT; JPO	OR	ON	2009/09/23 17:48
L4	285	foam with support with membrane	US-PGPUB; USPAT; JPO	OR	ON	2009/09/23 17:48
L6	8	4 and "fuel cell" not 5	US-PGPUB; USPAT; JPO	OR	ON	2009/09/23 18:04

### EAST Search History (I nterference)

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